## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot) near6 clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near6 clock) and ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 14:54
L2	96	((synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or signal) near6 clock) and ((fft or dft or (fourier adj1 transform\$5)) near6 clock) and ((end or boundar \$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot \$1 or training)) and @ad<="20031125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 14:54
L3	8	2 and 375/260,229,316,354.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 14:55
L4	2	(correlat\$3 near5 (signal or data) near5 interference) with (equalizer near4 (coefficient\$1 or tap\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 15:07
L5	4	(correlat\$3 near5 (signal or data) near5 interference) same (equalizer near4 (coefficient\$1 or tap\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 15:08
L6	3	2 and 708/404.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 15:11
L7	2	2 and 370/310,324,395.62,503. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 15:13

S1	1	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform \$5))) with ((control or timing or (end adj1 preamble)) adj1 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:02
S2	0	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform \$5))) same ((end adj1 preamble))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:02
S3	1	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform \$5))) and (end near2 preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:03
S4	0	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (fft or dft or (fourier adj1 transform \$5))) and (end near2 preamble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:05
S5	0	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (fft or dft or (fourier adj1 transform \$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:05
S6	37	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform \$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:05
S7	16	(synchroniz\$3 or flip\$3flop\$1) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform \$5))) and @ad<="20031125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:05

S8	1	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock near2 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform\$5))) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:06
S9	1	("20040105506").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/19 17:07
S10	4	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:09
S11	6	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3 or lock\$3) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:10
S17	1	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3 or lock\$3) near6 (preamble or training or header or pilot) near6 (data or information) near6 (clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:15
S18	84	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3 or lock\$3) near6 (preamble or training or header or pilot or data or information) near6 (clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:16
S19	72	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information) near6 (clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:17
S20	50	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information) near6 (clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1) and ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:18

S21	0	((equalizer near2 (synchroniz\$3) near3 (preamble\$1 or training\$1 or data or header or pilot\$1) near5 clock) same (fft or dft or (fourier adj1 transform\$5)) near3 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:41
S22	0	((equalizer near5 (synchroniz\$3) near3 (preamble\$1 or training\$1 or data or header or pilot\$1) near5 clock) and (fft or dft or (fourier adj1 transform\$5)) near6 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:42
S23	0	((equalizer near10 (synchroniz\$3) near5 (preamble\$1 or training\$1 or data or header or pilot\$1) near5 clock) and (fft or dft or (fourier adj1 transform\$5)) near6 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:42
S24	0	((equalizer near10 (synchroniz\$3) near5 (preamble\$1 or training\$1 or data or header or pilot\$1) near5 clock) and (fft or dft or (fourier adj1 transform\$5)) near6 clock\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SOOR	ON	2010/05/19 17:43
S25	1	((equalizer near10 (synchroniz\$3) near5 (preamble\$1 or training\$1 or data or header or pilot\$1) near10 clock) and (fft or dft or (fourier adj1 transform\$5)) near6 clock\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/05/19 17:43
S26	1	("20050125176").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/19 18:08
S27	462	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) with (preamble or training or header or pilot) with (clock near5 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:11
S28	2	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) with (preamble or training or header or pilot) with (clock near5 (system or receiver\$1 or local or fft or dft or (fourier adj1 transform\$5))) and baek.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:12
S29	6	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and baek.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:13
S30	121	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and choi.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:15
S31	2	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and choi.inv. and hoon-soon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:16

S32	9	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and choi.inv. and hoon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:17
S33	374	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and kim.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:18
S34	1	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and kim.inv. and ju-yon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:19
S35	12	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and kim.inv. and ju	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SOOR	ON	2010/05/20 09:19
S36	1	(synchroniz\$3 or equaliz\$3) same (fft or dft or (fourier adj1 transform \$5)) and kim.inv. and yon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:20
S37	188	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information) near6 (clock) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5)) and (system\$2 adj1 clock\$1) and ((end or boundar\$3 or begin\$5 or start \$3) near4 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:29
S38	ω	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information) near6 (clock) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5)) same (system\$2 adj1 clock\$1) and ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:29
S39	105	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information) near6 (stc or (local adj1 clock) or (system\$2 near2 clock\$1)) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5)) and ((end or boundar \$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot \$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:31

<b>S40</b>	2	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information) near6 (stc or (local adj1 clock) or (system\$2 near2 clock\$1)) same ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot \$1 or training)) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:32
S41	0	(synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (received adj1 signal) near6 (stc or (local adj1 clock) or (system\$2 near2 clock \$1)) same ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot\$1 or training)) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:35
S42	0	((synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (received adj1 signal) near6 clock\$1) same ((end or boundar\$3 or begin\$5 or start \$3) near4 (frame or data or preamble or pilot\$1 or training)) and @ad<="20031125" and (fft or dft or (fourier adj1 transform\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:36
S43	686	((synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information or signal) near6 clock) and @ad<="20031125" and (fft or dft or (fourier adj1 transform \$5)) and ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:37
S44	80	((synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information or signal) near6 clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1) and ((end or boundar\$3 or begin\$5 or start\$3) near4 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:37

S45	76	((synchroniz\$3 or flip\$3flop\$1 or equaliz\$3) near6 (preamble or training or header or pilot or data or information or signal) near6 clock) and @ad<="20031125" and ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1) and ((end or boundar\$3 or begin\$5 or start\$3) near2 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 09:38
S46	10	((pll or (phase adj1 locked adj1 loop)) near6 (preamble or training or header or pilot or data or information or signal) near4 clock) and @ad<= "20031125" and ((fft or dft or (fourier adj1 transform \$5)) near5 clock\$1) and ((end or boundar\$3 or begin\$5 or start\$3) near2 (frame or data or preamble or pilot\$1 or training))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 10:01
S47	1	((synchroniz\$5) near6 (preamble or training or header or pilot or data or information or signal) near4 clock) same ((fft or dft or (fourier adj1 transform\$5)) near5 clock\$1) same ((end or boundar\$3 or begin\$5 or start\$3) near2 (frame or data or preamble or pilot \$1 or training)) and @ad<= "20031125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 10:06
S48	2	((synchroniz\$5) near8 (preamble or training or header or pilot or data or information or signal) near8 clock) same ((fft or dft or (fourier adj1 transform\$5)) near7 clock\$1) same ((end or boundar\$3 or begin\$5 or start\$3) near2 (frame or data or preamble or pilot \$1 or training)) and @ad<="20031125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 10:07
S49	0	((synchroniz\$5) near8 (preamble or training or header or pilot or data or information or signal) near8 clock) same ((fft or dft or (fourier adj1 transform\$5)) near7 clock\$1) and ((end or boundar\$3) near2 (preamble or pilot\$1 or training or header)) and @ad<="20031125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 10:07

S50	6	((synchroniz\$5) near8 (preamble or training or header or pilot or data or information or signal) near8 clock) and ((fft or dft or (fourier adj1 transform\$5)) near7 clock\$1) and ((end or boundar\$3) near2 (preamble or pilot\$1 or training or header)) and @ad<="20031125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/20 10:08	
-----	---	--	---	----	----	---------------------	--

5/20/2010 3:45:34 PM

C:\ Documents and Settings\ Imalek\ My Documents\ EAST\ Workspaces\ 10719192third.wsp